AMENDMENTS TO THE CLAIMS

The present listing of claims replaces all prior versions and listings of claims in the subject patent application.

Claim 1 (currently amended): A method for communicating to a component of a system controlled by a controller comprising:

packaging a communication sequence into a script by a method comprising:

providing said communication sequence that is a specific set of actions and action data;

for each of said actions, creating an action header comprising an action code and one or more component specific commands, and creating an action payload comprising zero or more of said action data;

transmitting said script to said controller; and

communicating to said component of said system by running said script by said controller by a method comprising:

providing said script to said controller; and

for each of said action headers, executing a command corresponding to said action code, transmitting said one or more component specific commands verbatim to said component without component-dependent changes, and transmitting said zero or more of said action data from said action payload verbatim to said component without component-dependent changes.

Claim 2 (original): The method of claim 1 wherein said packaging of said communication is performed by a first computer system that is separate from said system controlled by said controller.

Claim 3 (original): The method of claim 1 wherein:

said method of packing said communication sequence further comprises:

creating a header for said script, said header comprising a CRC; and

2

said method of communicating to said component further comprises:

reading said header of said script;

computing a computed CRC of said script;

comparing said computed CRC to said CRC contained within said header of said script.

Claim 4 (original):   The method of claim 1 wherein:

said method of packing said communication sequence further comprises:

creating a header for said script, said header comprising an identifier describing the specific component for which said script is intended; and

said method of communicating to said component of said system by running said script by said controller further comprises:

determining a descriptor of said component;

comparing said descriptor of said component to said identifier contained within said header of said script.

Claim 5 (original):   The method of claim 1 wherein:

said method of packing said communication sequence further comprises:

creating a header for said script, said header comprising a compatibility list comprising one or more applicable revisions of firmware on said specific component for which said script is applicable; and

said method of communicating to said component of said system by running said script by said controller further comprises:

determining a current firmware revision of said component;

comparing said current firmware revision to said compatibility list contained within said header of said script.

Claim 6 (original):   The method of claim 1 wherein said component is a hard disk drive.

Claim 7 (original):   The method of claim 6 wherein said controller is a RAID controller.

Claim 8 (currently amended): A system for communicating to a component of a system controlled by a controller comprising:

a first computer system adapted to packaging a communication sequence into a script by a method comprising:

providing said communication sequence that is a specific set of actions and action data;

for each of said actions, creating an action header comprising an action code and one or more component specific commands, and creating an action payload comprising zero or more of said action data; and

a controller adapted to communicate with said component of said system by a method comprising:

providing said script to said controller; and

for each of said action headers, executing a command corresponding to said action code, transmitting said one or more component specific commands verbatim to said component without component-dependent changes, and transmitting said zero or more of said action data from said action payload verbatim to said component without component-dependent changes.

Claim 9 (original): The system of claim 8 wherein said packaging of said communication is performed by a first computer system that is separate from said system controlled by said controller.

Claim 10 (original): The system of claim 8 wherein:

said method of packing said communication sequence further comprises:

creating a header for said script, said header comprising a CRC; and

said method of communicating to said component further comprises:

reading said header of said script;

computing a computed CRC of said script;

comparing said computed CRC to said CRC contained within said header of said script.

Claim 11 (original): The system of claim 8 wherein:

said method of packing said communication sequence further comprises:

creating a header for said script, said header comprising an identifier describing the specific component for which said script is intended; and

said method of communicating to said component of said system by running said script by said controller further comprises:

determining a descriptor of said component;

comparing said descriptor of said component to said identifier contained within said header of said script.

Claim 12 (original): The system of claim 8 wherein:

said method of packing said communication sequence further comprises:

creating a header for said script, said header comprising a compatibility list comprising one or more applicable revisions of firmware on said specific component for which said script is applicable; and

said method of communicating to said component of said system by running said script by said controller further comprises:

determining a current firmware revision of said component;

comparing said current firmware revision to said compatibility list contained within said header of said script.

Claim 13 (original): The system of claim 8 wherein said component is a hard disk drive.

Claim 14 (original): The system of claim 13 wherein said controller is a RAID controller.

Claim 15 (currently amended):   A system for communicating to a component of a system controlled by a controller comprising:

a first means for packaging a communication sequence into a script by a method comprising:

provising said communication sequence that is a specific set of actions and action data;

for each of said actions, creating an action header comprising an action code and one or more component specific commands, and creating an action payload comprising zero or more of said action data;

a second means for communicating with said component of said system by a method comprising:

providing said script to said controller; and

for each of said action headers, executing a command corresponding to said action code, transmitting said one or more component specific commands <u>verbatim</u> to said component ~~without component-dependent changes~~, and transmitting said zero or more of said action data from said action payload <u>verbatim</u> to said component ~~without~~ ~~component-dependent~~ ~~changes~~.

Claim 16 (original): The system of claim 15 wherein said packaging of said communication is performed by a first computer system that is separate from said system controlled by said controller.

Claim 17 (original): The system of claim 15 wherein:

said method of packing said communication sequence further comprises:

creating a header for said script, said header comprising a CRC; and

said method of communicating to said component further comprises:

reading said header of said script;

computing a computed CRC of said script;

comparing said computed CRC to said CRC contained within said header of said script.

Claim 18 (original): The system of claim 15 wherein:

said method of packing said communication sequence further comprises:

creating a header for said script, said header comprising an identifier describing the specific component for which said script is intended; and

said method of communicating to said component of said system by running said script by said controller further comprises:

determining a descriptor of said component;

comparing said descriptor of said component to said identifier contained within said header of said script.

Claim 19 (original): The system of claim 15 wherein:

said method of packing said communication sequence further comprises:

creating a header for said script, said header comprising a compatibility list comprising one or more applicable revisions of firmware on said specific component for which said script is applicable; and

said method of communicating to said component of said system by running said script by said controller further comprises:

determining a current firmware revision of said component;

comparing said current firmware revision to said compatibility list contained within said header of said script.

Claim 20 (original): The system of claim 15 wherein said component is a hard disk drive.

Claim 21 (original): The system of claim 20 wherein said controller is a RAID controller.